WHAT IS CLAIMED IS:

1. A manufacturing method for a structural member of a vehicle, the method comprising:

preparing a steel essentially consisting mainly of Fe, 0.20-0.25 weight% of C, not more than 0.3 weight% of Si, 1.0-1.2 weight% of Mn, not more than 0.02 weight% of P, and not more than 0.005 weight% of S;

forming a structural member by pressing the steel; and

heat treating a portion of the structural member where a supplementary reinforcement is required for enhancing the strength of the structural member by means of direct-heating.

2. A manufacturing method for a structural member of a vehicle according to claim 1, wherein the heat treating process by means of direct-heating is conducted under conditions of: a frequency of about 15-25kHz, a power of about 40-60kW, a heating duration of about 20-40 sec, a cooling duration of about 15-25 sec, a flow rate of coolant of about 1000-1500 L/min, and a temperature of direct-heating of about 900℃ or higher.

3. A manufacturing method for forming a structural member of a vehicle, the method comprising:

preparing a steel comprising predominately Fe, about 0.20-0.25 weight% of C, not more than about 0.3 weight% of Si, about 1.0-1.2 weight% of Mn, not more than about 0.02 weight% of P, and not more than about 0.005 weight% of S;

forming a structural member with said steel by a pressing method; and

heat treating a portion of said structural member, by direct-heating, at a position where a supplementary reinforcement is required such that the strength of the structural member is enhanced at that position.

4. The manufacturing method of claim 3, wherein said heat treating is by direct-heating under the conditions of: a frequency of about 15-25kHz, a power of about 40-60kW, a heating duration of about 20-40 sec, a cooling duration of about 15-25 sec, a flow rate of coolant of about 1000-1500 L/min, and a temperature of direct-heating of at least about 900℃.